RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/993,234A

Source: 1FW16

Date Processed by STIC: 4/13/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

|||||||||||||||||||||||||||

IFW16

RAW SEQUENCE LISTING   DATE: 04/13/2004
PATENT APPLICATION: **US/09/993,234A**   TIME: 14:32:52

Input Set : **A:\P1007P1D1.txt**
Output Set: **N:\CRF4\04132004\I993234A.raw**

delete - already shown → SEQUENCE LISTING
W-->   7 ~~SEQUENCE LISTING~~
   9 (1) GENERAL INFORMATION:
  11   (i) APPLICANT: Ashkenazi, Avi J.
  13   (ii) TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
  15   (iii) NUMBER OF SEQUENCES: 28
  17   (iv) CORRESPONDENCE ADDRESS:
  18   (A) ADDRESSEE: Genentech, Inc.
  19   (B) STREET: 1 DNA Way
  20   (C) CITY: South San Francisco
  21   (D) STATE: California
  22   (E) COUNTRY: USA
  23   (F) ZIP: 94080
  25   (v) COMPUTER READABLE FORM:
  26   (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk   *pp 2-4*
  27   (B) COMPUTER: IBM PC compatible
  28   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  29   (D) SOFTWARE: WinPatin (Genentech)
  31   (vi) CURRENT APPLICATION DATA:
*C-> * 32   **(A) APPLICATION NUMBER: US/09/993,234A**
*C-> * 33   **(B) FILING DATE: 19-Nov-2001**
  34   (C) CLASSIFICATION:
  44   (vii) PRIOR APPLICATION DATA:
  37   (A) APPLICATION NUMBER: 08/828683
  38   (B) FILING DATE: 31-MAR-1997
  41   (A) APPLICATION NUMBER: 08/625328
  42   (B) FILING DATE: 1-Apr-1996
  45   (A) APPLICATION NUMBER: 08/710802
  46   (B) FILING DATE: 23-Sep-1996
  48 (viii) ATTORNEY/AGENT INFORMATION:
  49   (A) NAME: Marschang, Diane L.
  50   (B) REGISTRATION NUMBER: 35,600
  51   (C) REFERENCE/DOCKET NUMBER: P1007P1D1
  53   (ix) TELECOMMUNICATION INFORMATION:
  54   (A) TELEPHONE: 650/225-5416
  55   (B) TELEFAX: 650/952-9881

ERRORED SEQUENCES

 887 (2) INFORMATION FOR SEQ ID NO: 21:   *P. 2*
 889   (i) SEQUENCE CHARACTERISTICS:
 890   (A) LENGTH: 197 amino acids

RAW SEQUENCE LISTING   DATE: 04/13/2004
PATENT APPLICATION: **US/09/993,234A**   TIME: 14:32:52

Input Set : A:\P1007P1D1.txt
Output Set: N:\CRF4\04132004\I993234A.raw

"use amino acid" ← do not use "PRT" unless Sequence Listing is in "new" Sequence Rules format.

This Sequence Listing is in "old" Sequence Rules format.

```
E--> 891              (B) TYPE: PRT  amino acid
     892              (D) TOPOLOGY: Linear
     894       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
     896   Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu
     897    1               5                  10                  15
     899   Leu Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu
     900                   20                  25                  30
     902   Val Pro His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro
     903                   35                  40                  45
     905   Gln Gly Lys Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr
     906                   50                  55                  60
     908   Lys Cys His Lys Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro
     909                   65                  70                  75
     911   Gly Gln Asp Thr Asp Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr
     912                   80                  85                  90
     914   Ala Ser Glu Asn His Leu Arg His Cys Leu Ser Cys Ser Lys Cys
     915                   95                  100                 105
     917   Arg Lys Glu Met Gly Gln Val Glu Ile Ser Ser Cys Thr Val Asp
     918                   110                 115                 120
     920   Arg Asp Thr Val Cys Gly Cys Arg Lys Asn Gln Tyr Arg His Tyr
     921                   125                 130                 135
     923   Trp Ser Glu Asn Leu Phe Gln Cys Phe Asn Cys Ser Leu Cys Leu
     924                   140                 145                 150
     926   Asn Gly Thr Val His Leu Ser Cys Gln Glu Lys Gln Asn Thr Val
     927                   155                 160                 165
     929   Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu Asn Glu Cys Val
     930                   170                 175                 180
     932   Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr Lys Leu Cys
     933                   185                 190                 195
     935   Leu Pro
     938   (2) INFORMATION FOR SEQ ID NO: 22:
     940        (i) SEQUENCE CHARACTERISTICS:
     941            (A) LENGTH: 167 amino acids
E--> 942            (B) TYPE: PRT   same error
     943            (D) TOPOLOGY: Linear
     945       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
     947   Met Leu Gly Ile Trp Thr Leu Leu Pro Leu Val Leu Thr Ser Val
     948    1               5                  10                  15
     950   Ala Arg Leu Ser Ser Lys Ser Val Asn Ala Gln Val Thr Asp Ile
     951                   20                  25                  30
     953   Asn Ser Lys Gly Leu Glu Leu Arg Lys Thr Val Thr Thr Val Glu
     954                   35                  40                  45
     956   Thr Gln Asn Leu Glu Gly Leu His His Asp Gly Gln Phe Cys His
     957                   50                  55                  60
     959   Lys Pro Cys Pro Pro Gly Glu Arg Lys Ala Arg Asp Cys Thr Val
     960                   65                  70                  75
     962   Asn Gly Asp Glu Pro Asp Cys Val Pro Cys Gln Glu Gly Lys Glu
     963                   80                  85                  90
     965   Tyr Thr Asp Lys Ala His Phe Ser Ser Lys Cys Arg Arg Cys Arg
```

```
966                      95               100                    105
968   Leu Cys Asp Glu Gly His Gly Leu Glu Val Glu Ile Asn Cys Thr
969                     110               115                    120
971   Arg Thr Gln Asn Thr Lys Cys Arg Cys Lys Pro Asn Phe Phe Cys
972                     125               130                    135
974   Asn Ser Thr Val Cys Glu His Cys Asp Pro Cys Thr Lys Cys Glu
975                     140               145                    150
977   His Gly Ile Ile Lys Glu Cys Thr Leu Thr Ser Asn Thr Lys Cys
978                     155               160                    165
980   Lys Glu
983   (2) INFORMATION FOR SEQ ID NO: 23:
985        (i) SEQUENCE CHARACTERISTICS:
986             (A) LENGTH: 78 amino acids
E--> 987        (B) TYPE: PRT
988             (D) TOPOLOGY: Linear
990       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
992   Val Val Glu Asn Val Pro Pro Leu Arg Trp Lys Glu Phe Val Arg
993    1               5                 10                     15
995   Arg Leu Gly Leu Ser Asp His Glu Ile Asp Arg Leu Glu Leu Gln
996                      20                25                    30
998   Asn Gly Arg Cys Leu Arg Glu Ala Gln Tyr Ser Met Leu Ala Thr
999                      35                40                    45
1001  Trp Arg Arg Arg Thr Pro Arg Arg Glu Ala Thr Leu Glu Leu Leu
1002                     50                55                    60
1004  Gly Arg Val Leu Arg Asp Met Asp Leu Leu Gly Cys Leu Glu Asp
1005                     65                70                    75
1007  Ile Glu Glu
1010  (2) INFORMATION FOR SEQ ID NO: 24:
1012       (i) SEQUENCE CHARACTERISTICS:
1013            (A) LENGTH: 77 amino acids
E--> 1014       (B) TYPE: PRT
1015            (D) TOPOLOGY: Linear
1017      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
1019  Ile Ala Gly Val Met Thr Leu Ser Gln Val Lys Gly Phe Val Arg
1020   1               5                 10                     15
1022  Lys Asn Gly Val Asn Glu Ala Lys Ile Asp Glu Ile Lys Asn Asp
1023                     20                25                    30
1025  Asn Val Gln Asp Thr Ala Glu Gln Lys Val Gln Leu Leu Arg Asn
1026                     35                40                    45
1028  Trp His Gln Leu His Gly Lys Lys Glu Ala Tyr Asp Thr Leu Ile
1029                     50                55                    60
1031  Lys Asp Leu Lys Lys Ala Asn Leu Cys Thr Leu Ala Glu Lys Ile
1032                     65                70                    75
1034  Gln Thr
1037  (2) INFORMATION FOR SEQ ID NO: 25:
1039       (i) SEQUENCE CHARACTERISTICS:
1040            (A) LENGTH: 74 amino acids
E--> 1041       (B) TYPE: PRT
1042            (D) TOPOLOGY: Linear
```

```
1044    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:
1046    Ile Cys Asp Asn Val Gly Lys Asp Trp Arg Arg Leu Ala Arg Gln
1047    1               5                   10                  15
1049    Leu Lys Val Ser Asp Thr Lys Ile Asp Ser Ile Glu Asp Arg Tyr
1050                    20                  25                  30
1052    Pro Arg Asn Leu Thr Glu Arg Val Arg Glu Ser Leu Arg Ile Trp
1053                    35                  40                  45
1055    Lys Asn Thr Glu Lys Glu Asn Ala Thr Val Ala His Leu Val Gly
1056                    50                  55                  60
1058    Ala Leu Arg Ser Cys Gln Met Asn Leu Val Ala Asp Leu Val
1059                    65                  70
1061 (2) INFORMATION FOR SEQ ID NO: 26:
1063        (i) SEQUENCE CHARACTERISTICS:
1064            (A) LENGTH: 73 amino acids
E--> 1065       (B) TYPE: PRT
1066            (D) TOPOLOGY: Linear
1068    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:
1070    Asn Arg Pro Leu Ser Leu Lys Asp Gln Gln Thr Phe Ala Arg Ser
1071    1               5                   10                  15
1073    Val Gly Leu Lys Trp Arg Lys Val Gly Arg Ser Leu Gln Arg Gly
1074                    20                  25                  30
1076    Cys Arg Ala Leu Arg Asp Pro Ala Leu Asp Ser Leu Ala Tyr Glu
1077                    35                  40                  45
1079    Tyr Glu Arg Glu Gly Leu Tyr Glu Gln Ala Phe Gln Leu Leu Arg
1080                    50                  55                  60
1082    Arg Phe Val Gln Ala Glu Gly Arg Arg Ala Thr Leu Gln Arg Leu
1083                    65                  70                  75
1085    Val Glu
1088 (2) INFORMATION FOR SEQ ID NO: 27:
1090        (i) SEQUENCE CHARACTERISTICS:
1091            (A) LENGTH: 77 amino acids
E--> 1092       (B) TYPE: PRT
1093            (D) TOPOLOGY: Linear
1095    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:
1097    Ile Arg Glu Asn Leu Gly Lys His Trp Lys Asn Cys Ala Arg Lys
1098    1               5                   10                  15
1100    Leu Gly Phe Thr Gln Ser Gln Ile Asp Glu Ile Asp His Asp Tyr
1101                    20                  25                  30
1103    Glu Arg Asp Gly Leu Lys Glu Lys Val Tyr Gln Met Leu Gln Lys
1104                    35                  40                  45
1106    Trp Val Met Arg Glu Gly Ile Lys Gly Ala Thr Val Gly Lys Leu
1107                    50                  55                  60
1109    Ala Gln Ala Leu His Gln Cys Ser Arg Ile Asp Leu Leu Ser Ser
1110                    65                  70                  75
1112    Leu Thr
1115 (2) INFORMATION FOR SEQ ID NO: 28:
1117        (i) SEQUENCE CHARACTERISTICS:
1118            (A) LENGTH: 63 amino acids
E--> 1119       (B) TYPE: PRT
```

RAW SEQUENCE LISTING   DATE: 04/13/2004
PATENT APPLICATION: **US/09/993,234A**   TIME: 14:32:52

Input Set : **A:\P1007P1D1.txt**
Output Set: **N:\CRF4\04132004\I993234A.raw**

```
1120          (D) TOPOLOGY: Linear
1122     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:
1124  Met Ala Val Ala Phe Tyr Ile Pro Asp Gln Ala Thr Leu Leu Arg
1125   1               5                  10                  15
1127  Glu Ala Glu Gln Lys Glu Gln Gln Ile Leu Arg Leu Arg Glu Ser
1128                  20                  25                  30
1130  Gln Trp Arg Phe Leu Ala Thr Val Val Leu Glu Thr Leu Lys Gln
1131                  35                  40                  45
1133  Tyr Thr Ser Cys His Pro Lys Thr Gly Arg Lys Ser Gly Lys Tyr
1134                  50                  55                  60
1136  Arg Lys Pro
```

VERIFICATION SUMMARY   DATE: 04/13/2004
PATENT APPLICATION: **US/09/993,234A**   TIME: 14:32:53

Input Set : **A:\P1007P1D1.txt**
Output Set: **N:\CRF4\04132004\I993234A.raw**

L:7 M:244 W: Invalid beginning of sequence listing, Data=[SEQUENCE LISTING], Duplicate
Sequence Listing Title!
L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:890 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=21
L:941 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=22
L:986 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=23
L:1013 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=24
L:1040 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=25
L:1064 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=26
L:1091 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=27
L:1118 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=28